



# Northern Vance High School

293 Warrenton Road  
Henderson, NC 27537  
252-492-6041

**Teacher:** K. Sharkey

**Course:** Honors Geometry

**Phone Extension:** 6057

**Email:** ksharkey@vcs.k12.nc.us

**Website:** <http://nvhsgeometry2011sharkey.wikispaces.com/>

**Tutoring Hours:** Tues., Wed. and Thurs. 3:15 – 4:15

Honors Geometry continues the students' study of mathematics, and should be followed by a successful completion of Algebra 1. Geometry is the study of geometric concepts, building upon middle school topics. Students will move from an inductive approach to deductive methods of proof in their study of two- and three- dimensional figures. Reasoning skills will be emphasized and students will broaden their use of the coordinate plane. The Honors will move at a faster pace and have more extensive assignments.

## Course Topics:

- ☐ Tools of Geometry
- ☐ Reasoning and Proof
- ☐ Parallel and Perpendicular Lines
- ☐ Congruent Triangles
- ☐ Relationships Within Triangles
- ☐ Similarity
- ☐ Quadrilaterals
- ☐ Area
- ☐ Right Triangle Trigonometry
- ☐ Surface Area and Volume
- ☐ Circles
- ☐ Transformations

## Required Materials: *(needed daily)*

- ☐ 2 inch 3 Ring Binder with notebook paper (need 2-3 packs of paper for notes and homework)
- ☐ Pencils
- ☐ Textbook
- ☐ Scientific or Graphing Calculator
- ☐ Student Laptop and USB flash drive

## Teacher Policies:

- ☐ **Prompt.** Students need to arrive in class on time with their materials ready to work before the tardy bell rings. NVHS tardy policy will be enforced.
- ☐ **Prepared.** Students will be ready to work with their materials when the tardy bell rings.
- ☐ **Productive.** Students will work the entire class period, bell to bell.
- ☐ **Polite.** Students need to be respectful of their peers, teacher and classroom. Exhibit all Vance County Character Traits.
- ☐ The student will be responsible for adhering to all NVHS and Vance County Handbook rules.
- ☐ There is no selling or eating of items in the classroom.
- ☐ The student is required to make **up all missed work within 5 days after returning to school.**
- ☐ Students should use the restroom before or after class.

## Required Activities:

- ☐ **Daily class attendance** is necessary, it is the student's responsibility to complete and turn in all make-up work.
- ☐ **Wiki space:** <http://nvhsgeometry2011sharkey.wikispaces.com>
- ☐ **Notebooks.** Students are required to take notes daily, they must be titled and organized.
- ☐ **Class work/Homework.** Homework is assigned daily! Expected to be completed.
- ☐ **Quizzes.**
- ☐ **Tests.** After each unit.
- ☐ **Project.** (Test grade)

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**VISION:** R.E.A.L.- Raise Everyone's Achievement Level

**MISSION:** Northern Vance High School strives to prepare 21st Century future-ready students to be innovative, creative, self-motivated, and globally competitive who will pursue a post-secondary education and who will become life-long learners.



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## Evaluation Method:

Tests: 55%

Quizzes: 25%

Class work/Homework: 20%

Final Exam: 25% of overall grade.

## Grading Scale:

**A** = 93 – 100

**B** = 85 – 92

**C** = 77 – 84

**D** = 70 – 76

**F** = 69 and below

## Important Dates:

January 31, 2012 – First Semester Report Cards

February 8, 2012 – Early Release

February 10, 2012 – Progress Reports

February 20, 2011 – Snow Day

March 6, 2012 – End of first 6 weeks of 2<sup>nd</sup> semester

March 9, 2012 – No School – teacher workday

March 15, 2012 – Report Cards

March 21, 2012 – Early Release

March 27, 2012 – Progress Reports

April 6, 2012 – No School – Snow Day

April 9-13, 2012 – Spring Break

April 25, 2012 – End of second 6 weeks of 2<sup>nd</sup> semester

May 7, 2012 – Report Cards

May 16, 2012 – Progress Reports

May 28, 2012 – Memorial Day – No School

May 29 – June 7, 2012 – Final Review and Final Exams

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